US Army Corps
of Engineers
Pacific Ocean Division

Pacific Ocean Division Navigation Program

National Dredging Conference
Springfield, VA
12-14 June 2006
Allen Churchill

US Army Corps of Engineers

PACIFIC OCEAN DIVISION

Navigation

- 44 miles of navigation channels
- 39 Deep draft ports
- 35 Shallow draft ports
- 61 Breakwaters/jetties

- 58 Subsistence harbors
- 15 Million tons moved via Deep Draft Ports per year
- $8B Import/Export Value per year

POD AREA OF OPERATIONS

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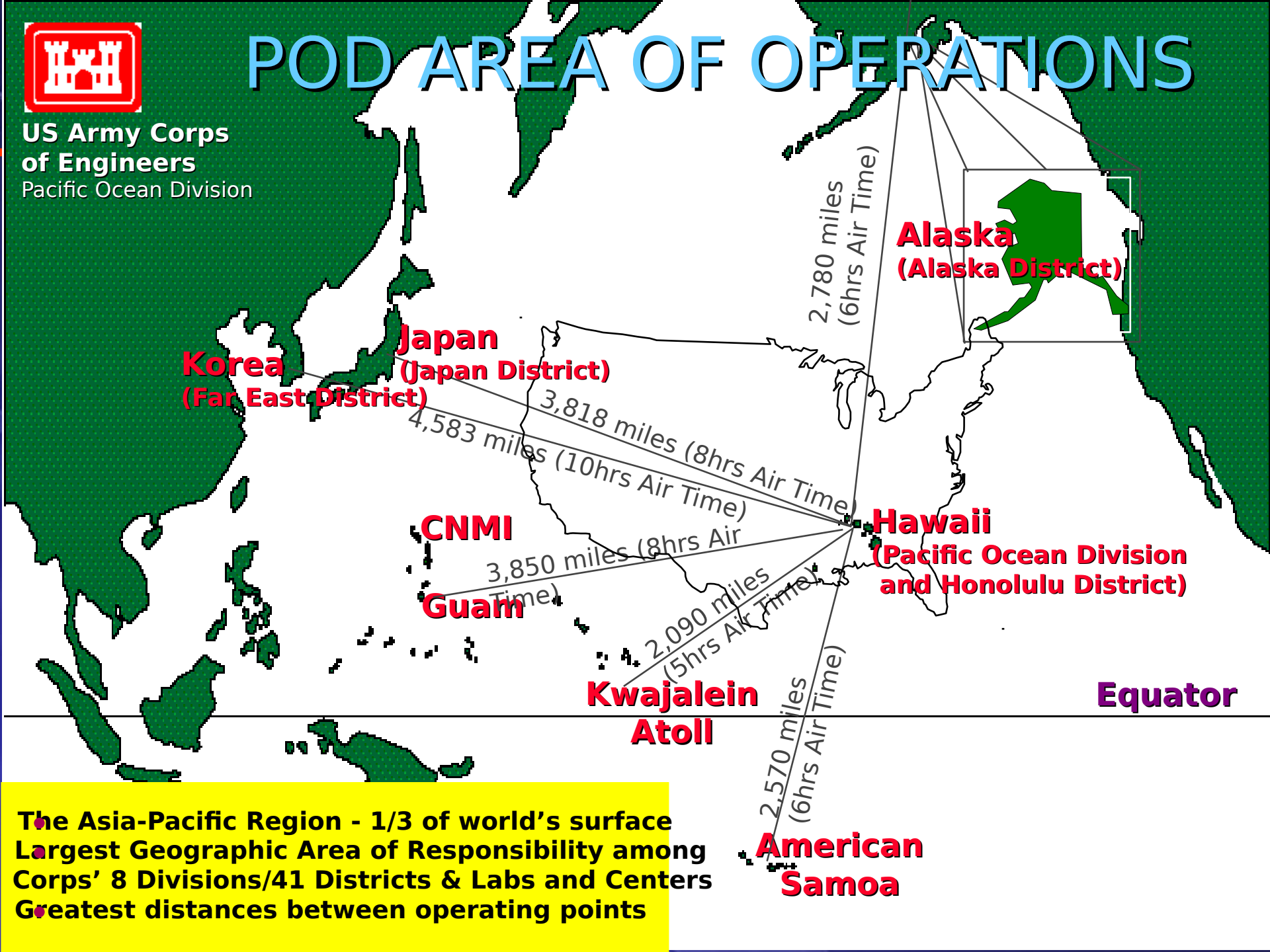
Pacific Ocean Division



The Asia-Pacific Region - 1/3 of world's surface
Largest Geographic Area of Responsibility among Corps' 8 Divisions/41 Districts & Labs and Centers
Greatest distances between operating points

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Initiatives

- RFP (Best Value) dredging contracts.
- Hydrographic surveys for payment in heavy shoaling areas.
- Pacific Navigation Community of Practice (PacNavCoP).
- Multiple Hydrographic survey Indefinite Delivery Indefinite Quantity (IDIQ) contracts for Condition and Contractor Quality Assurance surveys.
- IDIQ Construction services contracts that include marine construction (dredging).
- West Coast Regional Dredging Contract.

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PACIFIC OCEAN DIVISION

PROJECTS

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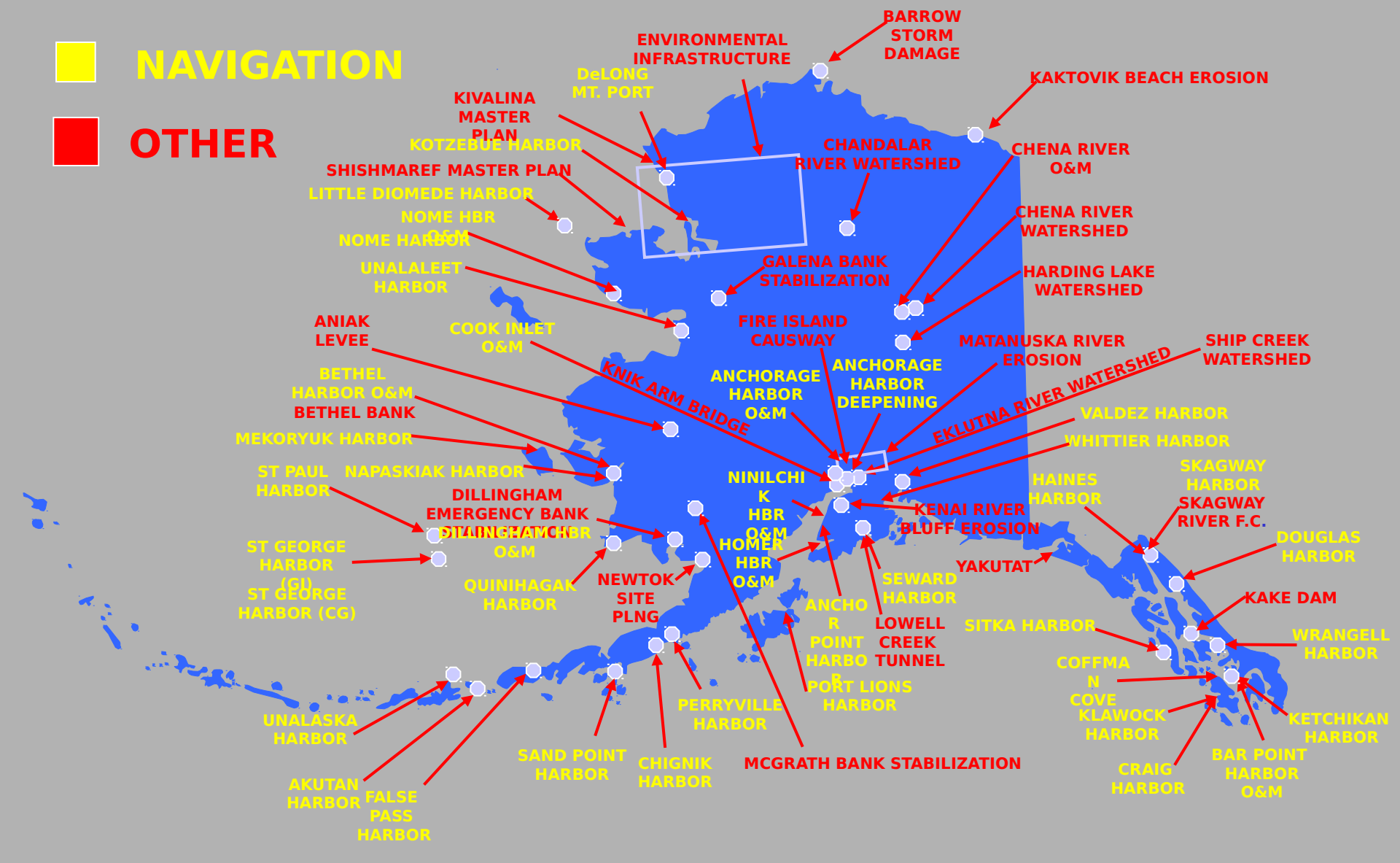
ALASKA DISTRICT
FY 2006 CIVIL WORKS PROJECTS



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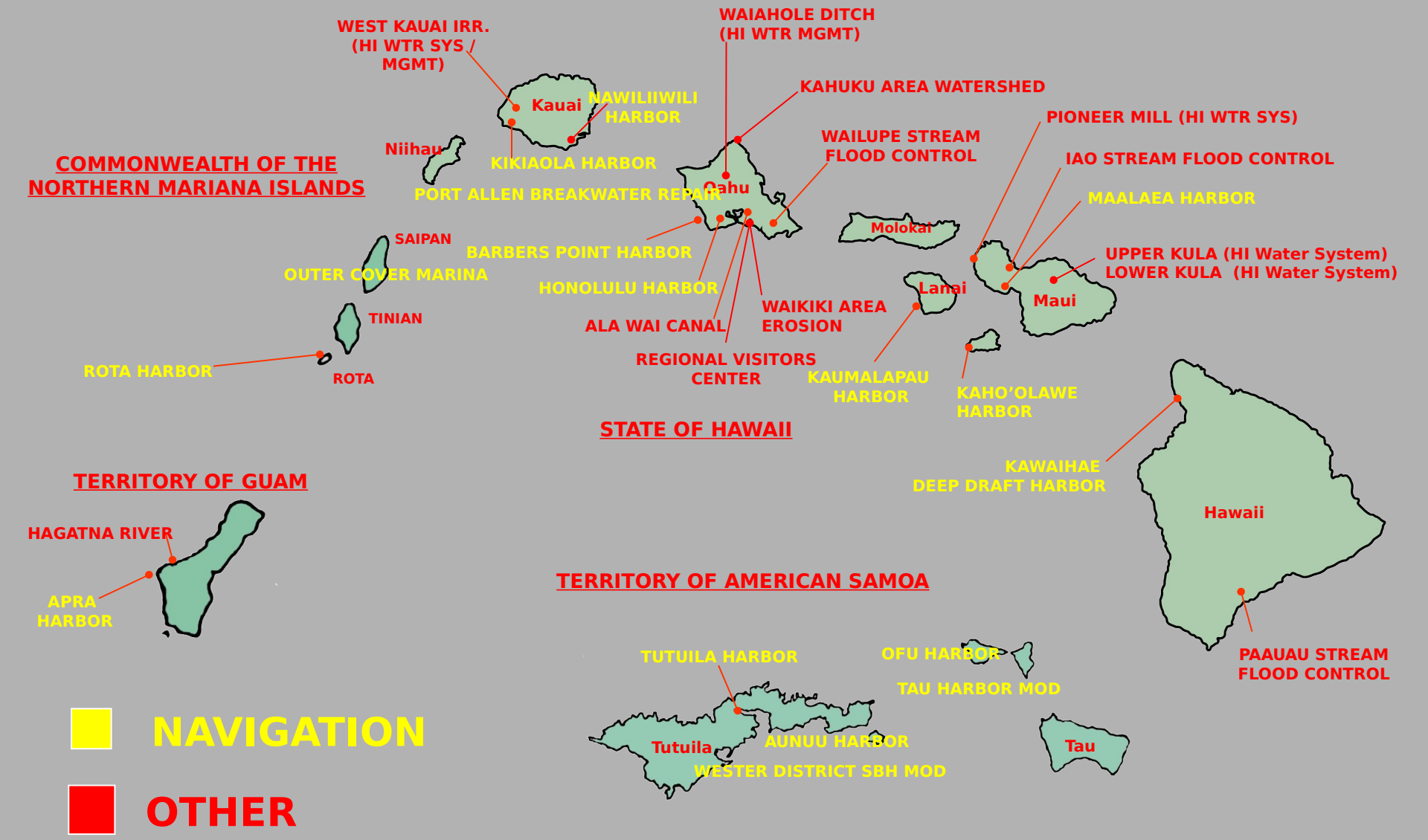
HONOLULU DISTRICT
FY 2006 CIVIL WORKS PROJECTS



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ONGOING NAVIGATION PROJECTS

TYPE	POA	POH	TOTAL
GI	16	3	19
CG	9	3	12
CAP	11	5	16
O&M	7	4	11
TOTAL	43	15	58

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PROJECTS UNDER CONSTRUCTION

- CHIGNIK HARBOR (Phase II) AK
- FALSE PASS AK
- KAUMALAPAU HARBOR HI
- NOME HARBOR IMPROVEMENTS AK
- OFU HARBOR AM

SAMOA

- SAND POINT AK
- SEWARD HARBOR AK
- TAU HARBOR AM

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UPCOMING PROJECTS

- AKUTAN HARBOR AK
- SAINT PAUL SMALL BOAT HARBOR Ak
- PORT OF ANCHORAGE EXPANSION Ak
- UNALASKA HARBOR Ak
- ROTA HARBOR CNM

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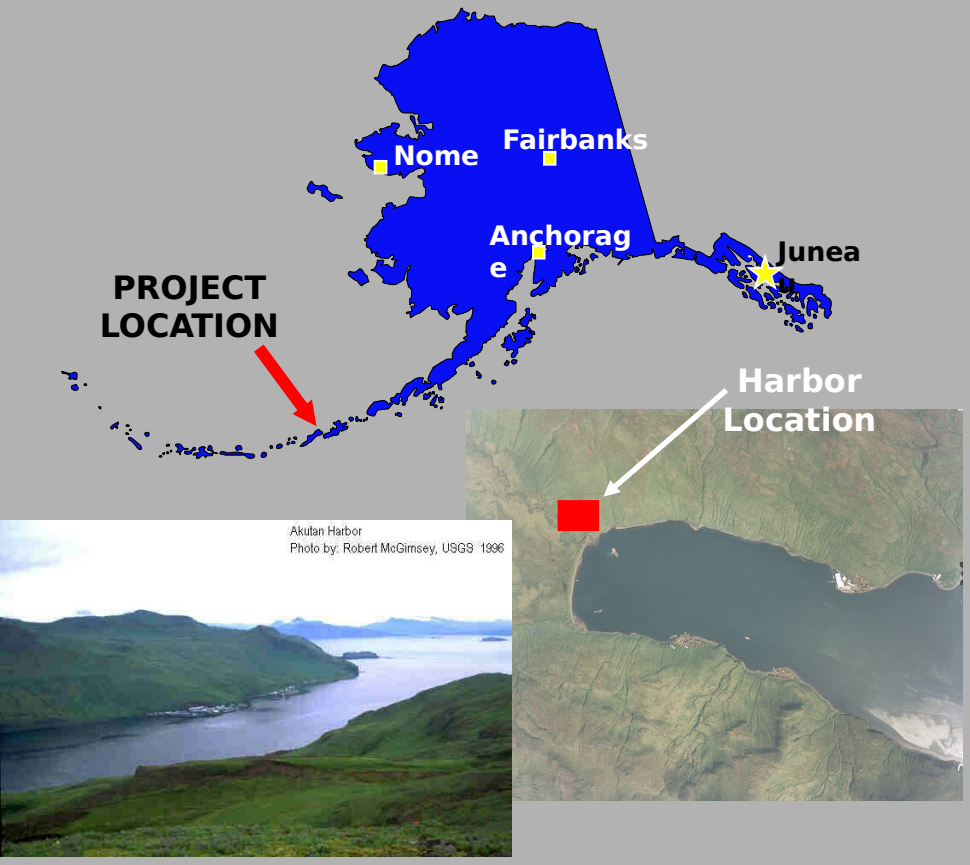
AKUTAN HARBOR, AK



- **Status:**
  - **800,000 CY unconsolidated sands, silt, and gravels**
  - **Upland disposal.**
  - **Cutter-suction dredge or conventional excavation equipment.**
  - **September 2007 solicitation dependent upon FY 2007 funding appropriation.**

- **Location: The city of Akutan is located on the north shore of Akutan Harbor, a large well-protected opening to Akutan Bay and the Bering Sea on the eastern side of Akutan Island. Akutan Island is 790 miles southwest of Anchorage.**
- **Project Description: The proposed harbor will provide protected moorage and serve as a base of**

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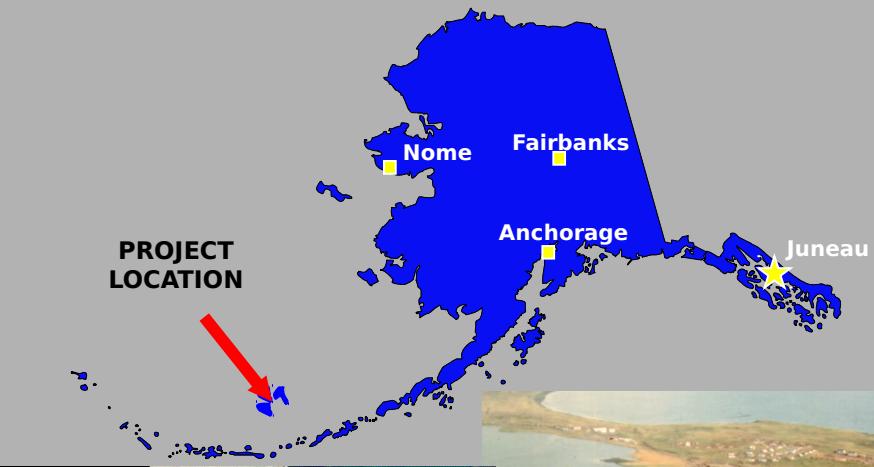
SAINT PAUL SMALL BOAT HARBOR, AK



- **Project Description: The project consists of a dredged entrance channel at –32 feet MLLW, a spending beach on the lee side of the existing detached breakwater, three offshore reefs parallel to the existing main breakwater, an environmental restoration feature to increase the flow of water into the Salt Lagoon and a small boat harbor with an entrance channel and maneuvering area dredged to a 20-foot depth and small breakwater.**
- **Status:**
  - **Plans and Specifications being prepared for the Small Boat Harbor.**
  - **150,000 CY of boulders, cobbles, and sand to be dredged.**
  - **Upland disposal**
  - **Possible clamshell-barge or conventional excavation equipment.**

- **Location: St. Paul is located on a narrow peninsula on the southern tip of St. Paul Island, the largest of five islands in the Pribilofs. It lies 47 miles north of St. George Island, 240 miles north of the Aleutian Islands, 300 miles west of the Alaska mainland, and 750 air miles west of Anchorage.**

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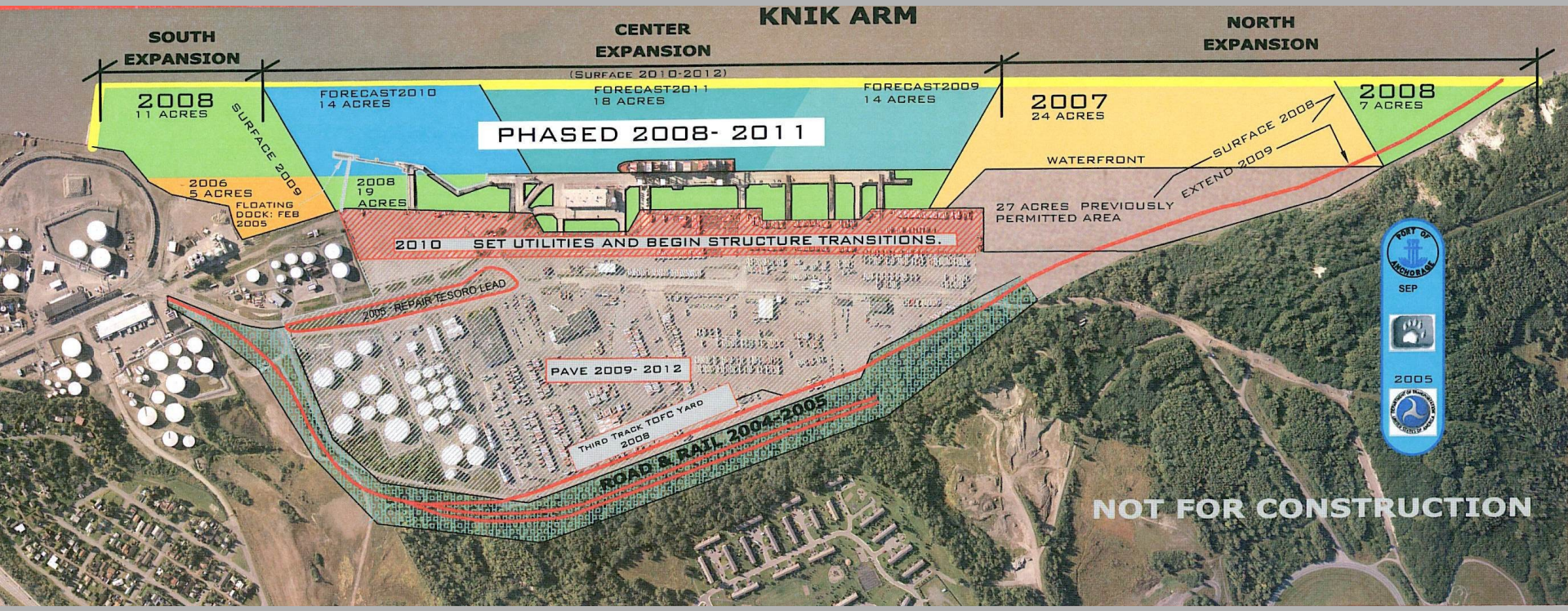
PORT OF ANCHORAGE EXPANSION



- Possible IIS project from the Maritime Administration for dredging requirements.

- http://www.portofanchorage.org/ for the latest informati

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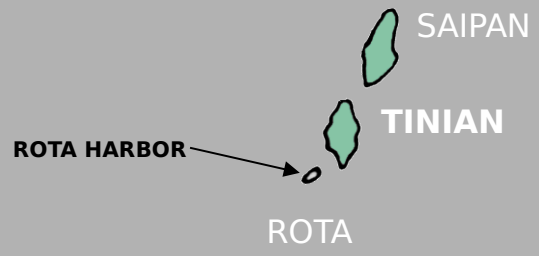
ROTA HARBOR, CNMI

COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS



TERRITORY OF GUAM

- The Commonwealth of the Northern Mariana Islands is located in the western Pacific approximately 3,700 miles west-southwest of Hawaii. The three major islands are Saipan, Rota and Tinian.

- Authorized under Section 107 of the R&H Act of 1960, as amended. The original project was completed in 1984. Last maintenance dredged in Oct 1990.

- Project Description: The project consists of maintenance dredging within the entrance channel (-20 feet MSL) and turning basin (-16.5 feet MSL) and the repair to a 535-foot long revetted mole structure.

-Status:

- Plans and Specifications being prepared.

-17,000 CY to be dredged by mechanical dredging method.

- Upland disposal.

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UNALASKA HARBOR, AK

- **Status:**
  - **Plans and specifications being prepared.**
  - **10,000 – 15,000CY rock dredging.**
  - **Blasting requirement likely.**
  - **Upland Disposal.**
  - **January 2007 solicitation dependent upon FY 2007 funding appropriation.**

- **Location: Unalaska overlooks Iliuliuk Bay and Dutch Harbor on Unalaska Island in the Aleutian Chain. It lies 800 air miles from Anchorage.**
- **Project Description: The harbor will provide additional protected moorage for commercial fishing vessels. It will reduce congestion and**

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QUESTIONS

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